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27 October 2015

Jim Fleer
McKesson Corporation - Env. Svcs Dept.
One Post St. -- 34th Floor
San Francisco, CA 94104

RE: Arkwood Monthly Sampling
Project Number: October 2015
SDG Number: 1510259

Enclosed are the results of analyses for samples received by the laboratory on 21-Oct-15 09:48. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

| | |
|------------------------|-------|
| Custody Seals | ✓ |
| Containers Correct | ✓ |
| COC/Labels Agree | ✓ |
| Received On Ice | ✓ |
| Temperature on Receipt | 4.0°C |

Sincerely,

A handwritten signature in blue ink, appearing to read "Norma James / Teresa Coins".

Norma James
President

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27 October 2015



Jim Fleer
McKesson Corporation - Env. Svcs Dept.
One Post St. -- 34th Floor
San Francisco, CA 94104
Project: Arkwood Monthly Sampling
Project Number: October 2015
Date Received: 21-Oct-15 09:48

ANALYTICAL RESULTS

Lab Number: 1510259-01
Sample Name: Mouth
Date/Time Collected: 10/20/15 10:30
Sample Matrix: Water

| <u>Semivolatiles</u> | <u>Units</u> | <u>Result</u> | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u> |
|-----------------------------|--------------|---------------|---------------------|---------------------------|--------------|--------------------|
| Pentachlorophenol | ug/L | 41.1 | | 10/26/15 18:28 | A510352 | 8270D, Rev 4, 2007 |
| 2,4,6-Tribromophenol [surr] | % | 98.0 | | 10/26/15 18:28 | A510352 | 8270D, Rev 4, 2007 |
| 2-Fluorophenol [surr] | % | 51.7 | | 10/26/15 18:28 | A510352 | 8270D, Rev 4, 2007 |
| Phenol-d5 [surr] | % | 36.5 | | 10/26/15 18:28 | A510352 | 8270D, Rev 4, 2007 |

ANALYTICAL RESULTS

Lab Number: 1510259-02
Sample Name: Weir
Date/Time Collected: 10/20/15 10:00
Sample Matrix: Water

| <u>Semivolatiles</u> | <u>Units</u> | <u>Result</u> | <u>Qualifier(s)</u> | <u>Date/Time Analyzed</u> | <u>Batch</u> | <u>Method</u> |
|-----------------------------|--------------|---------------|---------------------|---------------------------|--------------|--------------------|
| Pentachlorophenol | ug/L | < 1.00 | | 10/26/15 18:59 | A510352 | 8270D, Rev 4, 2007 |
| 2,4,6-Tribromophenol [surr] | % | 74.0 | | 10/26/15 18:59 | A510352 | 8270D, Rev 4, 2007 |
| 2-Fluorophenol [surr] | % | 37.3 | | 10/26/15 18:59 | A510352 | 8270D, Rev 4, 2007 |
| Phenol-d5 [surr] | % | 30.0 | | 10/26/15 18:59 | A510352 | 8270D, Rev 4, 2007 |

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 26-Oct-15 16:22 By: KR

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch A510352 - EPA 3510C MS

Blank (A510352-BLK1)

Prepared & Analyzed: 26-Oct-15

| | | | | | | | | | | |
|---------------------------------|------|------|------|------|--|------|-----------|--|--|--|
| Pentachlorophenol | ND | 1.00 | ug/L | | | | | | | |
| Surrogate: 2,4,6-Tribromophenol | 36.9 | | " | 40.0 | | 92.3 | 43.7-141 | | | |
| Surrogate: 2-Fluorophenol | 22.2 | | " | 40.0 | | 55.5 | 17.8-88.9 | | | |
| Surrogate: Phenol-d5 | 15.9 | | " | 40.0 | | 39.8 | 12.2-69.5 | | | |

LCS (A510352-BS1)

Prepared & Analyzed: 26-Oct-15

| | | | | | | | | | | |
|---------------------------------|------|------|------|------|--|------|----------|--|--|--|
| Pentachlorophenol | 36.5 | 1.00 | ug/L | 40.0 | | 91.4 | 54-123 | | | |
| Surrogate: 2,4,6-Tribromophenol | 41.6 | | " | 40.0 | | 104 | 60.6-130 | | | |
| Surrogate: 2-Fluorophenol | 22.9 | | " | 40.0 | | 57.4 | 38.3-82 | | | |
| Surrogate: Phenol-d5 | 17.2 | | " | 40.0 | | 43.0 | 29-58 | | | |

Matrix Spike (A510352-MS1)

Source: 1510259-01

Prepared & Analyzed: 26-Oct-15

| | | | | | | | | | | |
|---------------------------------|------|------|------|------|------|------|-----------|--|--|--|
| Pentachlorophenol | 111 | 2.00 | ug/L | 80.0 | 41.1 | 87.0 | 40.6-138 | | | |
| Surrogate: 2,4,6-Tribromophenol | 86.5 | | " | 80.0 | | 108 | 43.7-141 | | | |
| Surrogate: 2-Fluorophenol | 43.5 | | " | 80.0 | | 54.4 | 17.8-88.9 | | | |
| Surrogate: Phenol-d5 | 33.0 | | " | 80.0 | | 41.2 | 14.7-66.9 | | | |

Matrix Spike Dup (A510352-MSD1)

Source: 1510259-01

Prepared & Analyzed: 26-Oct-15

| | | | | | | | | | | |
|---------------------------------|------|------|------|------|------|------|-----------|------|------|--|
| Pentachlorophenol | 113 | 2.00 | ug/L | 80.0 | 41.1 | 90.1 | 40.6-138 | 2.24 | 8.94 | |
| Surrogate: 2,4,6-Tribromophenol | 73.7 | | " | 80.0 | | 92.2 | 43.7-141 | | | |
| Surrogate: 2-Fluorophenol | 39.3 | | " | 80.0 | | 49.2 | 17.8-88.9 | | | |
| Surrogate: Phenol-d5 | 29.6 | | " | 80.0 | | 37.0 | 14.7-66.9 | | | |

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:


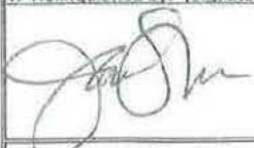
Norma James / Teresa Coins

Norma James and/or Teresa Coins
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION | | | | Project Description | | Turnaround Time | | Preservation Codes: | | | | | | | | | | | | |
|---|-------------------|-------|------|-----------------------------------|-------------------|---------------------------------|------------------------------------|--|---------------------------|---|--|--|-------------------------------------|--------------------------------|--|---|--|------------------------|--|--|
| McKeeson Corporation | | | | Arkwood Monthly Sampling | | 1 Day (100%) | | 1. Cool, 4 Degrees Centigrade | | | | | 4. Thiosulfate for Dechlorination | | | | | | | |
| 14348 Nieman Rd. | | | | | | 2 Day (50%) | | 2. Sulfuric Acid (H ₂ SO ₄), pH < 2 | | | | | 5. Hydrochloric Acid(HCl) | | | | | | | |
| Overland Park KS 66221 | | | | Reporting Information | | 3 Day (25%) | | 3. Nitric Acid (HNO ₃), pH < 2 | | | | | 6. Sodium Hydroxide (NaOH), pH > 12 | | | | | | | |
| | | | | Telephone: 913-706-3422 | | 1 Day (FastTrack) | | TEST PARAMETERS | | | | | | | | | | Bottle Type Code | | |
| Attn: Jim Fleer | | | | Email: james.fleer@mckesson.com | | Preservative Code: 1 | | | | | | | | | | | | G - Glass; P - Plastic | | |
| | | | | | | Bottle Type: GA | | | | | | | | | | | | V - Septum; A - Amber | | |
|  Sampler(s) Signature | | | | James Fleer Sampler(s) Printed | | | | | | | | | | | | Arkansas Analytical Work Order Number: 1510259 | | | | |
| Field Number | SAMPLE COLLECTION | | Grab | Comp | Number of Bottles | Sample Matrix | SAMPLE IDENTIFICATION/ DESCRIPTION | | Pentachlorophenol (6270D) | | | | | | | | | | | |
| Date/s | Time/s | | | | | | | | | | | | | | | | | | | |
| | 10/20/15 | 10:30 | X | | 2 | Water | Mouth | | X | | | | | | | | | | | |
| | 10/20/15 | 10:00 | X | | 2 | Water | Weir | | X | | | | | | | | | | | |
| ONSITE MEASUREMENTS BY Oxford Environmental | | | | | | | | | | | | | | | | | | | | |
| | | pH | | Temperature | | DO% | | | | | | | | | | | | | | |
| Mouth | | 7.40 | | 14.37 | | 50.8 | | | | | | | | | | | | | | |
| Weir | | 8.25 | | 17.12 | | 226.3 | | | | | | | | | | | | | | |
| 1. Relinquished by: (Signature) | | | | Date/Time | | 2. Received by: (Signature) | | | | SAMPLE CONDITION UPON RECEIPT IN LAB | | | | REMARKS / SAMPLE COMMENTS | | | | | | |
|  | | | | 10/20/15 11:30 | | UPS | | | | 1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 3. COC LABELS AGREE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | Flow Rate - 1.14 | | | | | | |
| 3. Relinquished by: (Signature) | | | | Date/Time | | 4. Received by lab: (Signature) | | | | 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | O ₂ Power - 25% | | | | | | |
| UPS | | | | 10/21/15 9:48 | | Sammy Riddle | | | | 5. TEMPERATURE ON RECEIPT: 4°C | | | | O ₂ Conc - 2.04 | | | | | | |
| | | | | | | | | | | 6. TEMPERATURE GUN ID: HHT #2 | | | | O ₂ Residual - 1.89 | | | | | | |
| FOR COMPLETION BY LAB ONLY | | | | | | | | | | | | | | | | | | | | |